

SP-12A/302PA

Order No.: 0104930

PRODUCTINFOS

PA bass-midrange speaker, 300 W, 8 Ω

- Of very high power capability
- 30 cm (12") professional speaker of long excursion
- Diecast basket
- Cone with water-repellent coating
- Very neat workmanship with front-facing basket
- Wide frequency response of low distortion
- High efficiency
- Excellent bass reproduction
- Drive system with drilled pole core and additional magnet for optimising the magnetic field and impedance linearisation
- For bass-reflex cabinets from 30 litres on already
- For all kinds of professional and semiprofessional PA applications

HOBBY HiFi 05/2013

“With the SP-12A/302PA, IMG Stage Line offers a bass speaker of high power capability for 3-way systems which features an impressively deep bass, a superior level stability and an excellent sound quality.”

TECHNICAL SPECIFICATIONS

SP-12A/302PA

Impedance (Z)	8 Ω
Frequency range	f3-4,000 Hz
Resonant frequency (fs)	50 Hz
Power rating (RMS)	300 W
Peak music power output (MAX)	600 W
SPL	99 dB/W/m
Suspension compl. (Cms)	0.19 mm/N
Moving mass (Mms)	50 g
Mech. Q factor (Qms)	7.87
Electr. Q factor (Qes)	0.35
Total Q factor (Qts)	0.34
Equivalent volume (Vas)	77 l
DC resistance (Re)	6.4 Ω
Force factor (BxL)	16.98 Tm
Voice coil induct. (Le)	0.8 mH
Voice coil diameter	Ø 66 mm
Voice coil former	Kapton
Linear excursion (X_{MAX})	± 5 mm
Eff. cone area (Sd)	530 cm^2
Magnet weight	2 kg
Magnet diameter	Ø 154 mm
Mounting cutout	Ø 284 mm
Mounting depth	123 mm
Dimensions	Ø 313 mm x 135 mm
Outside diameter	Ø 313 mm
Width	Ø 313 mm
Depth	135 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	5.1 kg
Packing unit	1
Type of speaker	12"
Packing dimensions (W x H x L)	0.345 x 0.165 x 0.345 m
Gross weight	5.8 kg
Net weight	5.1 kg